

App. No. 10/822,312

Amendment Dated: August 30, 2006

Reply to Office Action of May 31, 2006

Amendments to the Claims:

1 (Currently amended): A method for tracking and diagramming navigated portions of a web site, comprising:

receiving a selected web site;

automatically parsing the selected web site for any web links subordinate to the selected web site not requiring user interaction;

mapping the selected web site and any parsed web links to a web diagram data structure;

~~selecting~~ receiving a selection of a first web link from the parsed web links as a starting point for browsing a path through the selected web site;

mapping the first web link to the web diagram data structure; ~~and~~

receiving a selection of a second web link subordinate to the first web link, the second web link requiring user interaction;

mapping the second web link to the web diagram data structure; and

creating and displaying a web diagram from the web diagram data structure showing a diagram node for each of the selected web site, ~~for each of the any~~ parsed web links subordinate to the selected web site not requiring user interaction, and for the selected ~~first~~ second web link.

2 (Currently amended): The method of Claim 1, further comprising:

in response to ~~selecting~~ receiving a selection of the first web link, launching a web browser control for displaying a web page representing the selected first web link and for browsing any links subordinate to the selected first web link;

wherein receiving a selection of a second web link includes receiving an indication of a user browsing to a web link level subordinate to a level of the selected first web link; and

~~selecting a~~ receiving a selection of the second web link from the web link level subordinate to the level of the selected first web link.[:]

~~mapping the second web link to the web diagram data structure; and~~

~~whereby creating and displaying a web diagram from the web diagram data structure, further comprises creating and displaying a web diagram from the web diagram data structure showing a diagram node for the selected web site, for each of the any parsed web links~~

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~~subordinate to the selected web site not requiring user interaction, for the selected first web link, and for the selected second web link.~~

3 (original): The method of Claim 1, whereby receiving the selected web site includes receiving an address for the selected web site at a web diagramming application.

4 (Currently amended): The method of Claim 1, further comprising during automatically parsing the web site for any web links subordinate to the web site, identifying for diagramming any subordinate links that may be automatically browsed without user interaction or data input.

5 (Currently amended): The method of Claim 1, whereby automatically parsing the web site for any web links subordinate to the web site includes automatically parsing the web site to a specified maximum number of links.

6 (Currently amended): The method of Claim 1, whereby automatically parsing the web site for any web links subordinate to the web site includes automatically parsing the web site to a specified maximum number of discovery levels.

7 (Currently amended): The method of Claim 1, whereby creating and displaying a web diagram from the web diagram data structure showing a diagram node for each of the selected web site and the parsed web links is performed before receiving a selection of the first web link, after mapping the web site address and any parsed web links to a web diagram data structure, diagramming the web site address and the any parsed web links to a displayed web diagram.

8 (Currently amended): The method of Claim 7, whereby selecting receiving a selection of a first web link from the any parsed web links as a starting point for browsing a path through the web site includes selecting receiving a selection of a first web link from the displayed web diagram.

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9 (Currently amended): The method of Claim 8, further comprising automatically finding and mapping any web links contained on a web link level subordinate to a web link level containing the selected first web link to the web diagram data structure.

10 (Currently amended): The method of Claim 9, prior to automatically finding and mapping any web links contained on a web link level subordinate to a web link level containing the selected first web link to the web diagram data structure, further comprising selecting receiving a selection of an expanded mapping and wherein automatically finding and mapping is in response to receiving a selection of an expanded mapping. ~~for any web links found in response to selecting the first web link.~~

11 (Currently amended): The method of Claim 10, whereby creating and displaying a web diagram from the web diagram data structure further comprises ~~creating and displaying a web diagram from the web diagram data structure~~ showing a diagram node for the selected web site, ~~for each of the any parsed web links subordinate to the selected web site not requiring user interaction, for the selected first web link, and for each of the any web links contained on a web link level subordinate to a web link level containing the selected first web link to the web diagram data structure.~~

12 (Currently amended): A method for tracking and diagramming navigated portions of a web sites, comprising:

displaying a diagram of a structure of a selected web site, the diagram including diagram nodes for the selected web site and for any web links associated with the selected web site that may be navigated without user interaction;

selecting receiving a selection of a first web link from the diagram as a starting point for browsing a path through the selected web site;

mapping the selected first web link to a web diagram data the structure; and

receiving a selection of a second web link subordinate to the first web link, the second web link requiring user data input;

mapping the second web link to the structure after input of the user data; and

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automatically updating the displayed diagram to add a diagram node for the selected second ~~first~~ web link whereby the diagram node for the selected ~~first~~ second web link is added to the diagram in a position illustrating a relationship of the selected ~~first~~ second web link to other nodes in the diagram.

13 (Currently amended): The method of Claim 12, further comprising:
in response to ~~selecting~~ receiving a selection of the first web link, launching a web browser control for displaying a web page representing the selected first web link and for browsing ~~any~~ links from the selected web site associated with the selected first web link;
wherein receiving a selection of the second web link includes receiving an indication of a user browsing to a the second web link from the displayed web page.[:]
~~mapping the second web link to the web diagram data structure; and~~
~~automatically updating the diagram to add a diagram node for the second web link whereby the diagram node for the second web link is added to the diagram in a position illustrating a relationship of the second web link to other nodes in the diagram.~~

14 (Currently amended): The method of Claim 13, whereby receiving an indication of a user browsing to a second web link from the displayed web page requires user interaction with the web browser control for browsing to the second web link.

15 (Currently amended): The method of Claim 13, further comprising automatically finding and mapping to the web diagram data structure ~~any~~ web links not requiring user interaction found in response to browsing to the second web link from the displayed web page.

16 (Currently amended): The method of Claim 15, prior to automatically finding and mapping to the web diagram data structure ~~any~~ web links found in response to browsing to the second web link from the displayed web page, further comprising ~~selecting~~ receiving a selection of an expanded mapping, wherein automatically finding and mapping is in response to receiving a selection of an expanded mapping. ~~for any web links found in response to browsing to the second web link from the displayed web page.~~

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17 (Currently amended): The method of Claim 16, further comprising automatically updating the diagram to add diagram nodes for ~~each of the any~~ web links found in response to browsing to the second web link from the displayed web page whereby the diagram nodes for ~~each of the any~~ web links found in response to browsing to the second web link from the displayed web page are added to the diagram in positions illustrating a relationship of ~~each of the any~~ web links found in response to browsing to the second web link from the displayed web page to other nodes in the diagram.

18 (Currently amended): A computer-readable medium ~~on which is contained~~ having computer-executable instructions which when executed by a computer perform a method for tracking and diagramming navigated portions of a web site, comprising:

- automatically parsing the selected web site for ~~any~~ web links subordinate to the selected web site not requiring user interaction;
- mapping the selected web site and ~~any~~ parsed web links to a web diagram data structure;
- ~~selecting~~ receiving a selection of a first web link from the parsed web links as a starting point for browsing a path through the selected web site;
- mapping the first web link to the web diagram data structure; ~~and~~
- receiving a selection of a second web link subordinate to the first web link, the second web link requiring user data input;
- mapping the second web link to the web diagram data structure after input of the user data; and
- creating and displaying a web diagram from the web diagram data structure showing a diagram node for the selected web site, ~~for each of the any~~ parsed web links subordinate to the selected web site not requiring user interaction, and for the selected ~~first~~ second web link.

19 (Currently amended): The ~~method~~ computer-readable medium of Claim 18, the method further comprising:

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in response to selecting receiving a selection of the first web link, launching a web browser control for displaying a web page representing the selected first web link and for browsing any links that may be navigated [to] from the selected first web link;

wherein receiving a selection of a second web link includes receiving an indication of a user browsing to [a] the second web link from the displayed web page.[:]

~~mapping the second web link to the web diagram data structure; and~~

~~whereby creating and displaying a web diagram from the web diagram data structure, further comprises creating and displaying a web diagram from the web diagram data structure showing a diagram node for the selected web site, for each of the any parsed web links subordinate to the selected web site not requiring user interaction, for the selected first web link, and for the selected second web link.~~

20 (Currently amended): The ~~method~~ computer-readable medium of Claim 19, wherein creating and displaying a web diagram from the web diagram data structure showing a diagram node for each of the selected web side and each of the parsed web links subordinate to the selected web site not requiring user interaction is performed before receiving a selection of the first web link, after mapping the web site address and any parsed web links to a web diagram data structure, diagramming the web site address and the any parsed web links to a displayed web diagram.

21 (Currently amended): The ~~method~~ computer-readable medium of Claim 20, whereby selecting a first web link from the any parsed web links as a starting point for browsing a path through the web site includes ~~selecting a~~ receiving a selection of the first web link from the displayed web diagram.

22 (Currently amended): The ~~method~~ computer-readable medium of Claim 21, the method further comprising automatically finding and mapping to the web diagram data structure any other web links found by browsing to the second web link from the displayed web page.

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23 (Currently amended): The ~~method~~ computer-readable medium of Claim 22, prior to automatically finding and mapping to the web diagram data structure ~~any the~~ other web links found by browsing to the second web link from the displayed web page, ~~the method~~ further comprising selecting receiving a selection of an expanded mapping, wherein automatically finding and mapping is in response to receiving a selection of the expanded mapping, for any web links found in response to browsing to the second web link from the displayed web page.

24 (Currently amended): The ~~method~~ computer-readable medium of Claim 23, whereby creating and displaying a web diagram from the web diagram data structure further comprises ~~whereby creating and displaying a web diagram from the web diagram data structure, further comprises creating and displaying a web diagram from the web diagram data structure~~ showing a diagram node for the ~~selected web site, for each of the any parsed web links subordinate to the selected web site that may be navigated without user interaction, for the selected first web link, for the second web link, and for each of the any other web links found by~~ browsing to the second web link from the displayed web page.